



ELSEVIER

Aquaculture 208 (2002) 365–366

**Aquaculture**

www.elsevier.com/locate/aqua-online

## Contents of *Aquaculture*, Volume 208

VOL. 208 NOS. 1–2

31 MAY 2002

### Discases, Parasites and Predators

- Inhibition of shrimp pathogenic vibrios by a marine *Pseudomonas* I-2 strain  
R. Chythanya, I. Karunasagar and I. Karunasagar (Mangalore, India) . . . . . 1
- The feasibility of using *Udonella* sp. (Platyhelminthes: Udonellidae) as a biological control for the sea louse *Caligus rogercresseyi*, Boxshall and Bravo 2000, (Copepoda: Caligidae) in southern Chile  
S.L. Marín, F. Sepúlveda, J. Carvajal (Puerto Montt, Chile) and M. George-Nascimento (Concepción, Chile) . . . . . 11
- Aquaculture-associated factors in QPX disease of hard clams: density and seed source  
S.E. Ford, J.N. Kraeuter, R.D. Barber (Port Norris, NJ, USA) and G. Mathis (Egg Harbor City, NJ, USA) . . . . . 23
- The ineffectiveness of grooming in prevention of body fouling in the red swamp crayfish, *Procambarus clarkii*  
R.T. Bauer (Lafayette, LA, USA) . . . . . 39
- Effects of a *Paecilomyces japonica*-supplemented diet on the chemiluminescent response of phagocytes and growth in juvenile olive flounder (*Paralichthys olivaceus*)  
C.H. Lee (Pusan, South Korea), N.S. Paek (Seoul, South Korea), D.S. Kim and K.H. Kim (Pusan, South Korea) . . . . . 51

### Genetics and Breeding

- Characterization of DNA markers isolated from the gynogenetic triploid ginbuna (*Carassius auratus langsdorfi*) by representational difference analysis  
M. Murakami, C. Matsuba and H. Fujitani (Sagamihara, Japan) . . . . . 59
- Development of polymorphic EST markers in *Penaeus monodon*: applications in penaeid genetics  
J. Tong (Hong Kong, Wuhan, China), S.A. Lehnert, K. Byrne (St. Lucia, Australia), H.S. Kwan and K.H. Chu (Hong Kong, China) . . . . . 69

### Husbandry and Management

- Interactive effects of initial size, stocking density, and type of predator deterrent netting on survival and growth of cultured juveniles of the soft-shell clam, *Mya arenaria* L., in eastern Maine  
B.F. Beal and M. Gayle Kraus (Machias, ME, USA) . . . . . 81

### Nutrition

- Growth and body composition of juvenile mud crab, *Scylla serrata*, fed different dietary protein and lipid levels and protein to energy ratios  
M.R. Catacutan (Tigbauan, Philippines) . . . . . 113
- Survival of agglomerated *Saccharomyces cerevisiae* in pelleted shrimp feeds  
G. Aguirre-Guzmán (La Paz, Mexico), D. Rique-Marie and L.E. Cruz-Suárez (Nuevo León, Mexico) . . . . . 125

- Changes in gut content and composition of juvenile *Artemia* after oil enrichment and during starvation  
 G.G. Smith, A.J. Ritar (Taroona, Tas., Australia), C.F. Phleger (San Diego, CA, USA),  
 M.M. Nelson (Sandy Bay, Tas., Australia), B. Mooney, P.D. Nichols (Hobart, Tas., Australia) and  
 P.R. Hart (Taroona, Tas., Australia) . . . . . 137

#### Physiology and Endocrinology

- Ovarian maturation of the banana prawn, *Penaeus merguensis* de Man under different light intensities  
 T. Hoang, S.Y. Lee, C.P. Keenan (Queensland, Australia) and G.E. Marsden (NSW, Australia) . . . 159
- The effect of CO<sub>2</sub>-rich ground water on the West Australian dhufish (*Glaucosoma hebraicum*)  
 F.J. Stephens (Murdoch, Australia), J.J. Cleary, G. Jenkins (Fremantle, Australia), B. Jones (South  
 Perth, Australia), S.R. Raidal and J.B. Thomas (Murdoch, Australia) . . . . . 169
- Milkfish (*Chanos chanos*) growth hormone cDNA cloning and mRNA expression in embryos and early  
 larval stages  
 E.G.T. de Jesus, F.G. Ayson (Tigbauan, Philippines), Y. Amemiya, S. Moriyama (Iwate, Japan), S.  
 Hyodo (Tokyo, Japan), T. Hirano (Kancobe Bay, USA) and H. Kawauchi (Iwate, Japan) . . . . . 177

VOL. 208 NOS. 3-4

21 JUNE 2002

#### Special Issue: Sex Determination and Sex Differentiation in Fish

##### Review Article

- Sex determination and sex differentiation in fish: an overview of genetic, physiological, and environ-  
 mental influences  
 R.H. Devlin (West Vancouver, B.C., Canada) and Y. Nagahama (Okazaki, Japan) . . . . . 191

- Contents of *Aquaculture*, Volume 208 . . . . . 365

